

GRAAP-WG

**Grid Resource Allocation Agreement Protocol
Working Group**

GGF6

**Chicago, IL
October, 2002**



Agenda

- 1. Discuss the revised GRAAP-WG milestones.**
- 2. Discuss web-page clarifications about the group and its purpose (2.1), including links to other GGF groups (2.2).**
- 3. Discuss working definition of Advance Reservation.**
- 4. Discuss revised document/additions to Advance Reservation State-of-the-Art Document (4.1). Get named contacts for each scheduler, so we can contact them directly to get this document into a useful state (4.2)...**
- 5. Discussion of Use Cases. Construct initial requirements for the protocol, including a discussion on whether we need to do an exemplar Resource Description Language or not.**
- 6. Anything else?**



Summary (1)

- ~ 30 participants
- Revised milestones accepted
- Links to other groups:
 - Contact persons to other groups identified (except DRMAA, NPI)
 - Will handle this on the scheduling mailing list
 - Contact to OGSA instead of OGSF
- Advance reservation
 - Discussion about “delegation” and “delegation domain”
 - Terms will be further clarified towards a common understanding using the mailing list
- State of the Art document
 - no comments on current version
 - volunteers available to fill in missing information about PBS, CCS, GridEngine, Condor



Summary (2)

•Use-Cases

- presentation of use cases gathered so far by Volker Sander, Jim Pruyne, Stephen Pickles
- Illustrated several scenarios for managing the allocation of resources
- Consensus on their relevance for the derivation of protocol requirements
- Agreement on completeness (for now)
- Will be available on our web-page next week
- **Watch out!!!**
- We think about applying the work of Sched-Dict to these scenarios



Summary (3)

•Use-Cases: What we got

- Advance reservation desirable for many scenarios
 - Generated a list of requirements
 - key issue here is the capability of the protocol to re-negotiate existing reservations (including forced re-negotiation)
- Although the use-cases show a demand for a super-scheduler: GRAAP WG will NOT build such a beast (but the protocol will support super-scheduling)
- Discussion on Network QoS
 - Will it be available
 - What about firewalls
 - Firewall have an impact on the achievable services, but (for now) they are not a manageable entity



Summary (4)

•Resource Description Language

- although there is a need for an RDL the group decided to postpone a specification of this:
- Focus on protocol requirements definitions first,
- RDL is a topic I.e. requirement an RDL must accomplish
- But we can wait for a while to see if a suitable RDL emerges from the community

